

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Confirm. No.: 8075

TANAKA et al

Atty. Ref.: 1035-299

Serial No. 09/773,870

TC/A.U.: 2629

Filed: April 7, 1997

Examiner: SHANKAR, VIJAY

For: LIQUID CRYSTAL DISPLAY DEVICE AND METHOD
OF DRIVING THE SAME

* * * * *

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

SECOND SUPPLEMENTAL REISSUE DECLARATION

We, Shinya Tanaka, Takayuki Shimada, Takashi Ochi, Yuzuru Kanemori and Mikio Katayama, depose and declare as follows:

1. We are the originally-named inventors for the captioned patent. At least at the time of filing the captioned application, we were employees of Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan. We assigned the captioned patent to Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan (our assignee).

2. Our residences, post office addresses and citizenships are as stated below next to our names,

3. We believe ourselves to be the original, first and joint inventors of the subject matter which is claimed in the reissue application number 08/835,207 filed on February 2, 2001 and for which the captioned reissue patent is sought on the invention entitled

LIQUID CRYSTAL DISPLAY DEVICE AND METHOD OF DRIVING THE SAME,
and which was amended by amendments filed on January 4, 2006 and March 13, 2007.

4. We hereby state that we have reviewed and understand the contents of the above identified specification (e.g., the reissue application number 08/835,207 filed on February 2, 2001), including the claims, as amended by any amendment referred to above.

5. We further state that we have read and understood this Declaration.

6. We acknowledge the duty to disclose to the U.S. Patent Office all information known by us to be material to patentability examination as defined in 37 CFR 1.56

7. We hereby claim foreign priority benefits under title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

<u>Application No.</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
8-100073	Japan	April 22, 1996

8. We are seeking reissue of the captioned patent in view of our belief that the captioned patent is partially inoperative by reason of the patentees claiming less than we had a right to claim in the patent.

9. In particular, we believe that we had a right to claim the common line of claim 1 of the captioned patent as being that "to which a common signal is applied", rather than as worded in the printed patent. Further, in connection with the pixel capacitance paragraph limitation of independent claim 1, we believe that we had a right to claim "one of electrodes of said pixel capacitance being connected to said common line".

10. An error in the patent is that claim 1 characterizes the common line as being "for supplying a common signal to said common electrode". Another error is that claim 1 of the patent describes one of electrodes of said pixel capacitance as being "formed by said pixel electrode".

11. The errors in claim 1 of the patent are rectified by claim 1 of the reissue application describing the common line as being that "to which a common signal is applied", and by reciting "one of electrodes of said pixel capacitance being connected to said common line".

12. Every error in the patent which was corrected in the present reissue application, and is not covered by a prior oath/declaration submitted in the application, arose without any deceptive intention on the part of the applicants.

13. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Shinya TANAKA

Inventor's signature Shinya Tanaka

Date June 1, 2007

Residence: Matsuzaka-shi, Mie, Japan Citizenship Japanese

Post Office Address 1887-85-402, Kubo-cho,

Matsuzaka-shi, Mie, Japan, 515-0044

Full name of second inventor: Takayuki SHIMADA

Inventor's signature Takayuki Shimada

Date 5/31, 2007

Residence Yamatokoriyama-shi, Nara, Japan Citizenship Japanese

Post Office Address 231-1-303, Kuzyou-cho,

Yamatokoriyama-shi, Nara, Japan, 639-1001

Full name of third inventor: Takashi OCHI

Inventor's signature Takashi Ochi

Date June 5, 2007

Residence Tenri-shi, Nara, Japan Citizenship Japanese

Post Office Address 93-5, Aramaki-cho,

Tenri-shi, Nara, Japan, 632-0082

Full name of fourth inventor: Yuzuru KANEMORI

Inventor's signature Yuzuru Kanemori

Date June 5, 2007

Residence Yamatokoriyama-shi, Nara, Japan Citizenship Japanese

Post Office Address 11-1-506, Nogaito-cho

Yamatokoriyama-shi, Nara, Japan, 639-1131

Full name of fifth inventor: Mikio KATAYAMA

Inventor's signature Mikio Katayama

Date M.K. July June 7, 2007

Residence Nara-shi, Nara, Japan Citizenship Japanese

Post Office Address 2-1-5-1, Tomigaoka,

Nara-shi, Nara, Japan, 631-0004